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PATENT

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I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date

11/1/01

Linda M. Hykes

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Eamon Gormley
Application No. : 09/618,653
Filed : July 18, 2000
For : COLLISION-FREE MULTIPLE ACCESS RESERVATION
SCHEME FOR MULTI-TONE MODULATION LINKS

Technology Center 2600

JAN 08 2002

RECEIVED

Art Unit : 2664
Docket No. : 101948066US
Date : October 27, 2001

Commissioner for Patents
Washington, DC 20231

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Sir:

In the matter of the above-identified application, I, Kathleen J. Buckley, declare that I am the Assistant Secretary of AT&T Wireless Services, Inc., the assignee of the entire interest. Documentary evidence of chain of title from the original owners to AT&T Wireless Services, Inc. has been filed with and recorded by the United States Patent Office at Reel 011239, Frame 0055. The evidentiary documents referred to in the instant Revocation and Substitute Power of Attorney have been reviewed by the undersigned, and it is certified that, to the best of Kathleen J. Buckley's knowledge and belief, title is in AT&T Wireless Services, Inc. I hereby revoke all powers of attorney

heretofore given and appoint JERRY A. RIEDINGER, Registration No. 30,582; MAURICE J. PIRIO, Registration No. 33,273; MICHAEL D. BROADDUS, Registration No. 41,637; CATHERINE HONG TRAN, Registration No. 43,960; ROBERT G. WOOLSTON, Registration No. 37,263; PAUL T. PARKER, Registration No. 38,264; JOHN M. WECHKIN, Registration No. 42,216; CHRISTOPHER DALEY-WATSON, Registration No. 34,807; STEVEN D. LAWRENZ, Registration No. 37,376; JAMES A.D. WHITE, Registration No. 43,985; EDWARD S. HOTCHKISS, Registration No. 33,904; JAMES NICKELSON, Registration No. 46,140; MARK A. THOMAS, Registration No. 37,953; BRETON A. BOCCHIERI, Registration No. 31,739; BARBARA B. COURTNEY, Registration No. 42,442; PETER J. DEHLINGER, Registration No. 28,006; LEE ANN GORTHEY, Registration No. 37,337; RICHARD L. GREGORY, Registration No. 42,607; LINDA R. JUDGE, Registration No. 42,702; MICHAEL MARTENSEN, Registration No. 46,901; JUDY M. MOHR, Registration No. 38,563; and LARRY THROWER, Registration No. 47,994, all of Perkins Coie LLP, and KATHLEEN J. BUCKLEY, Registration No. 40,539, of AT&T Wireless Services, Inc., as the principal attorneys with full power of substitution, association, and revocation to prosecute said application, to transact all business in the Patent and Trademark Office connected therewith, and to receive the letters patent therefor. Please direct all correspondence to Customer Number 30083.

Bar Code:



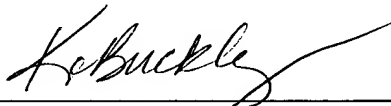
30083

PATENT TRADEMARK OFFICE

AT&T Wireless Services, Inc.

Date

10/29/2001


Kathleen J. Buckley
Assistant Secretary

ASSIGNMENT AND AGREEMENT

For value received, each of the undersigned, Eamonn Gormley of Seattle in the County of King and State of Washington, hereby sells, assigns and transfers to AT&T Wireless Services, Inc., a corporation of the State of Delaware, having an office at 7277 164th Avenue NE, Redmond, Washington 98052, United States of America, and its successors, assignees and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

Collision-Free Multiple Access Reservation Scheme For Multi-Tone Modulation Links

described in an application for Letters Patent for the United States of America,

☐ for which an application for a United States Patent was executed on _____

☒ for which an application for a United States Patent was filed on 07/18/2000 Application Number 09/618653,

and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and the undersigned also concurrently hereby sell, assign and transfer to AT&T Wireless Services, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

The undersigned authorize AT&T Wireless Services, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from the undersigned, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

The undersigned hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Wireless Services, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

The undersigned request that any and all patents for said inventions be issued to AT&T Wireless Services, Inc. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Wireless Services, Inc. may designate.

The undersigned agree that, when requested, the undersigned shall, without charge to AT&T Wireless Services, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Eamonn Gormley
Eamonn Gormley

Date: 10/01/2000

United States of America)

State of Washington) ss.:

County of King)

On this 2 day of October, 2000 before me personally came Eamonn Gormley, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Tracy Kendall

Notary Public
TRACY L. KENDALL

MY APPOINTMENT EXPIRES: 4-28-01

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110